

SATHISH KUMAR V

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Having the thirst for learning and executing the learnings practically in Production Engineering there by gaining the growth overall for the Industry and for myself.

An Overview

- Competent professional with **03 years and 02 month** of rich experience in **Automobile Assembly Process – Production Engineering (PED) and Product Quality.**
- Rich experience in Assembly tools, Fixtures and gauge Design, Cycle Time & Tack Time analysis, Line Balancing, VSME improvements, Post production ECN implementation, Poka Yoke implementation and GP12,GP8 inspection.
- Skillful in enhancing systems to bring Zero Manufacturing Defect on Product.
- An effective communicator with excellent relationship management skills and strong analytical, leadership, decision-making, problem solving & organizational abilities.

Scholastics

- ❖ Graduated **B.E** in 2015 from SACS MAVMM Engineering College, Madurai, India with **7.48 CGPA** under Dept. of **Mechanical Engineering.**
- ❖ Passed **12th** grade in 2011 with **78.50%** from St, Mary's Hr. Sec School, Madurai, India.
- ❖ Passed **10th** grade in 2009 with **86.40%** from Govt. High School, Madurai, India.

Industry Relationships

Since Aug'2017 working with Tractors and Farm Equipment's, Madurai as Trainee design Engineer for Continues improvement Team.

Aug'2016 – July '2017 working with Tractors and Farm Equipment's (On-site), Madurai as Trainee Design Engineer through MOSIMA for Continues improvement Team

Chief Projects Involved:

- ❖ Design of Shimming gauge for the application of rear axle depth measurement for both Domestic & Export model tractors.
 - a. Hoist elimination & productivity improvement.
- ❖ Design of Commonised spline tool for Housing Main Drive leak testing for both single clutch & dual clutch model.
 - a. To eliminate setup time reduction
 - b. To increase productivity.
- ❖ Design of Turn over Device (TOD) in Diff case sub assembly.
 - a. To eliminate operator rotating fatigue.
 - b. To reduce operational time and increase productivity.
- ❖ Design & standardization of chassis WIP fixture in chassis to paint shop transfer unit.
 - a. Elimination of component damages & to increase the quality of a product.
- ❖ Design and standardization of Control spring tension measuring setup
 - a. To control spring tension with in spec level.
- ❖ VSME improvement co-ordination & design of kitting trolley for steering unit assembly, bulkhead sub assembly, battery platform sub assembly, POD sub assembly & front axle sub assembly.

❖ Design of Tools & Fixture for other Post production ECN changes:

- Lift shaft Oil seal press & 45 POD sub assembly base fixture.
- M-lift spring pin press, Side cover fixture & PTO sub assembly seal press.
- Flush pin gauge for Eric seal depth checking & End cover sleeve press tool.
- Piston sub assembly fixture for compact model tractor & Domestic model seal ring press etc.,

Roles & Responsibilities:

❖ My experience in continues improvements as a Design engineer trainee Involves:

- Designing and manufacturing of necessary Assembly tools, fixtures, trolleys and machines.
- Coordinating the Implementation of post-production ECN changes by developing a new design.
- Kitting implementation for main line assemblies & sub-assemblies.
- Addressing customer complaints (Internal & External).
- Planning & Execution of In-house Fabrication activities.
- Supporting activities for VSME & TPM Initiative.

June'2015 – July'2016 Working with Sundram Fasteners Pvt Ltd, Chennai as B.E Trainee for Product Quality Team.

Significant Contributions:

❖ My experience in Product Quality as a B.E Trainee Involves:

- Product GP12 & GP8 Inspection to eliminate oil pump failure for both domestic & Export models.
- Regular check sheet data collection & product inspection follow-up.
- Data History Sheet & Process monitoring chart follow-up.

IT Skills

- ❖ Creo 2.0 & 3.0.
- ❖ AutoCAD 2014.
- ❖ Wind-chill & MS Office.

Extra- curricular Activities / Recognitions

- ❖ Active Cricket player in Knight Hawks Cricket Club, Madurai.
- ❖ Event Coordinator for Yaanthrika Maaya 2K15 in Mechanical engineering Symposium.
- ❖ Won the following prizes in varies involvemnets.
 - FIRST – Quality Quiz competition, Sundaram Fasteners Pvt Ltd, Chennai.
 - SECOND – Quality technical quiz competition, TAFE, Madurai.
 - THIRD – Best Suggestion award, TAFE, Madurai.

Personal Dossier

Age	: 24.
Date of Birth	: 30 th Jan 1994.
Sex	: Male.
Nationality	: Indian.
Mother Tongue	: Tamil.
Marital status	: Single
Languages Known	: English (S, R&W), Tamil (S, R&W) & Telugu (S)
Father's Name	: Velmurugan V.
Leisure pursuit	: Playing Cricket, Body building & Listening Music.
Contact Address	: No. 12, Periyasamy Nagar 3rd Street, Avaniyapuram, Madurai - 625 012.

I do hereby bear the responsibility for the correctness of the above mentioned particulars.

Date:

Place: Madurai, India.

V.SATHISH KUMAR